

45385-97

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

FEB 26 2014

Sharon Johnston  
Agent for CTX-Cenol, Inc.  
509 Tower Valley Drive  
Hillsboro, MO 63050

Subject: Label Amendment - Efficacy Claims  
EPA Registration Number: 45385-97  
Cenol D200  
D #482794

Date of Submission: September 4, 2013

Dear Ms. Johnston:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

If you have questions regarding this letter, please contact Olga Odiott at (703) 308-9369.

Sincerely,

  
Michael Walsh  
Acting Product Manager 13  
Insecticide Branch  
Registration Division (7505P)

Enclosure

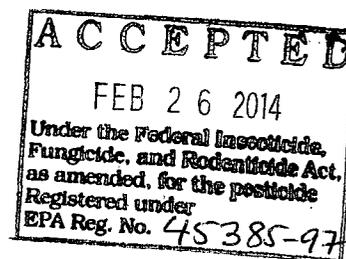
# CENOL D200

## INSECTICIDE

CHEM-tox™

### For Indoor and Outdoor Use

- Ready-To-Use
- Water-Based
- Kills on Contact
- Long-Lasing
- Keeps Killing Carpenter Ants For Up To 1 Month [4 weeks]\* [When applied to Non-Porous Surfaces]
- Keeps Killing Pharaoh Ants, Crazy Ants and Fire Ants For Up To 1 Week
- Keeps Killing For Up To 18 Months [1.5 Years, 78 Weeks]\*\*
- Keeps Killing [Protects Against] German & American Cockroaches and Argentine Ants For Up To 18 Months [1.5 years]\*
- Keeps Killing Flies For Up To 5 Months [20 weeks]
- Non-Staining
- No Oily Greasy Residue
- For Use in and Around Homes, Hotels, Motels and other areas as listed
- For use in Horse Stables
- For Us on House Plants
- For Use on Ornamental Plants
- Kills Bedbugs, Fleas & Ticks
- Kills Home Invading Pests
- Kills Spiders, Centipedes and Scorpions
- Kills Roaches, Ants and Fleas on Contact
- Kills Pantry Pests
- Kills Plant Pests
- Kills Aphids, Mealy Bugs, lace Bugs, Thrips, Leafminers and Mites
- Kills Spider Mites
- Kills Japanese Beetles
- Kills Asian Lady [bird] Beetles



### Not for Use on Plants Grown for Sale or other Commercial Use

\*on non-porous surfaces

\*\*American & German Cockroaches and Argentine Ants on non-porous surfaces

#### ACTIVE INGREDIENT:

Deltamethrin [CAS 52918-63-5]..... 0.03 %

OTHER INGREDIENTS: ..... 99.97 %

TOTAL 100.00 %

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

See Back [Side] Panel for Additional Precautions

EPA Reg. No. 45385-97

EPA Est. No.

[sprayer graphic]

NET CONTENTS:

**PRECAUTIONARY STATEMENTS**  
**Hazards To Humans and Domestic Animals**

**CAUTION:** Contact with product may result in transient tingling and reddening of the skin. Wear waterproof gloves when spraying. Avoid contact with skin or clothing.

<b>FIRST AID</b>	
<b>If swallowed:</b>	Immediately call a poison control center or doctor. Do not induce vomiting unless told to by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
<b>If in eyes:</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
<b>If on skin or clothing:</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
<b>If inhaled:</b>	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
Have this product container or label with you when calling a poison control center or doctor or when going for treatment.	
<b>HOT LINE:</b> You may also call 1-800-858-7378 for emergency medical treatment advice.	

**Environmental Hazards**

This product is extremely toxic to fish and aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment areas.

**BEE WARNING:** This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

**Physical or Chemical Hazards**

Do not apply this product in or on electrical equipment due to the possibility of shock hazard.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Application is prohibited directly into sewers or drains or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

D200 is Ready-To-Use.

**General Information:** [{"for unit furnished with a sprayer} Hold container upright and turn nozzle to "on" position.] OR [{"for refill container or product without sprayer attached} Place Cenol D200 Insecticide in a suitable trigger or pressure sprayer and apply according to directions for use.]

Do not spray up into air. Apply this product only to surfaces as a spot and crack & crevice treatment. Hold approximately 12 inches from surface to be sprayed. Squeeze trigger to spray until surface is slightly moist. Cenol D200's long-lasting action keeps on killing American & German Cockroaches and Argentine Ants for up to 18 months [1.5 years] on non-porous surfaces and flies for up to 150 days [20 weeks; 5 months] after you spray. More frequent applications may be necessary on concrete surfaces. Check these areas in 4 weeks and retreat if insect activity continues. Contact kill gives you immediate results when spraying insects directly while residual activity kills insects when they return to treated areas. Cenol D200 will not stain surfaces or fabrics.

Cenol D200 is intended to be used in and around residences and their immediate surroundings such as (but not limited to), apartments, atriums, attics, automobiles, basements, bathrooms, boats, cabins, campers, carports, cat sleeping quarters, clothes storage, condominiums, decks, dens, driveways, garages, gazebos, homes, hotels, motels, kitchens, lanais, living rooms, parlors, patios, pet sleeping areas, play rooms, porches, recreational vehicles, rooms, solariums, storage areas, sun rooms, utility rooms and verandas. Do not use in commercial food handling establishments, restaurants or other places where food is commercially prepared, processed or served.

**FOR USE INDOORS:** Cockroaches (including adult and immature stages of both non-resistant and organophosphate and carbamate resistant strains), ants [including Argentine, Carpenter, Fire, Harvester & Pharaoh], bedbugs, boxelder bugs, centipedes, crickets, firebrats, fleas, palmetto bugs, silverfish, sowbugs, ticks and waterbugs. Apply as a spot and crack & crevice treatment to areas where these pests crawl and hide; especially in hidden areas around sinks and storage areas, behind baseboards, around doors and windows, behind and under refrigerators, cabinets, sinks and stoves, the underside of shelves, drawers, bookcases and similar areas. Remove all food and cooking utensils. Cover all food handling surfaces or wash thoroughly after treatment and before use. Exposed food should be covered or removed. Repeat as necessary but not more than once per week.

**ROACHES:** Spray in cracks and crevices, around baseboards and other hiding places.

**ANTS:** Spray around ant trails, doors and windows and other places where ants enter the house. Repeat as necessary but not more than once per week.

**CARPENTER ANTS:** For effective control, locate and treat nests and surrounding areas. Apply around doors and windows and other places where ants enter premises and where they crawl and hide. Spray into infested wood through existing openings.

**TICKS (Including ticks that may cause Lyme disease) and FLEAS on Surfaces:** remove pet bedding and destroy or clean thoroughly. Spray pet resting quarters. Adult fleas and larvae contacted by spray will be killed. Put fresh bedding down once spray has dried. Do not spray animals directly. For best results, pets should be treated with an appropriate Flea and/or Tick control product registered with EPA for use on pests before allowing them to return to the treated area. Spray rugs and carpets where infestations are bad. Delicate fabrics should be tested for staining in an inconspicuous area prior to use.

**SPIDERS:** Apply along and behind baseboards, to window and door frames, corners, pipes, storage localities, attics, crawl spaces and other areas over which these pests may crawl.

**CENTIPEDES, GROUND BEETLES, PILLBUGS, SOWBUGS, SCORPIONS AND TICKS:** Apply around doors and windows and other places where these pests may enter premises. Treat baseboards, storage areas and other locations where these pests are found.

**SILVERFISH, CRICKETS SPIDERS:** Apply to areas infested by these pests.

**ASIAN LADY BEETLES (Lady Bugs):** Spray areas where bugs crawl or are at rest; around doors, windows and areas where insects can enter the home.

**CONTACT SPRAY:** To kill ants (including Argentine, carpenter, fire, harvester & pharaoh ants), bed bugs, centipedes, cockroaches, fleas, spiders (including brown recluse, black widow & hobo spiders), ticks, chiggers, black flies, deer flies, horse flies, gnats, biting midges and wasps: Spray where insects congregate and individual pests when seen. Spray 1-2 pumps contacting insects directly. Insects contacted by spray will be killed.

**FLYING INSECTS: Houseflies, Gnats, Mosquitoes and small flying moths.** Spray localized resting areas, such as under eaves, porches, inside surfaces of window and door frames, surfaces around light fixtures and cords, railings, etc. and anywhere these insects may rest. Insects coming to rest on treated surfaces will be killed. Spray nesting areas.

**HORSE STABLES:** To control *Stable Flies, Horn Flies, House Flies, Face Flies, Horse Flies, Deer Flies, Mosquitoes and Gnats.* Apply thoroughly to surfaces until wet. Insects coming to rest on treated surfaces will be killed or repelled. Repeat treatment as necessary but not more than once per week. Do not spray animals or humans or apply to animal feed or watering equipment.

**PANTRY PESTS: Grain Beetles (Rusty, Merchant and Saw-toothed), Flour Beetles (Red and Confused), Cigarette Beetles, Clover Mites, Drugstore Beetles, Elm Leaf Beetles, Rice Weevils, Lesser Grain Borers, Spider Beetles and Tobacco Moths.** Treat exposed stages. Remove all food stuffs, utensils and shelf paper from area to be treated. Discard used shelf paper and any infested foodstuffs. Apply spray to shelves and in cracks and crevices behind and under cupboards and cabinets. Allow to dry prior to replacement of shelf paper, food and utensils. Wash any exposed food handling surfaces and utensils before use.

**Carpet Beetles (Black Furniture and Varied):** Spray on and under edges of floor coverings, under rugs and furniture and in closets or other localities where these insects are found.

**Webbing Clothes Moths:** Use this product as a crack and crevice treatment in closets and other storage areas where these pests are found. This is an adjunct treatment and will not control moth larvae already on clothes. Do not apply to clothing.

**Bedbugs:** Remove linens and wash before reuse. Lightly spray mattresses, especially tufts, folds and edges. Apply to the interior of the bed frame. Allow to dry before remaking bed. Treat baseboards, moldings and floors. Repeat treatment as needed.

#### **FOR USE OUTDOORS:**

Do not water the treated area to the point of run-off. Do not make applications during rain.

All outdoor applications, if permitted elsewhere on this label, must be limited to spot or crack and crevice treatments only, except for the following permitted uses: 1) Applications to soil or vegetation, as listed on this label, around structures; 2) Applications to lawns, turf and other vegetation as listed on this label; 3) Applications to the side of a building, up to a maximum height of 3 feet above grade; 4) Applications to underside of eaves, soffits, doors or windows permanently protected from rainfall by a covering, overhang, awning or other structure; 5) Applications around potential pest entry points into buildings when limited to a surface band not to exceed one inch in width; 6) Applications made through the use of a coarse, low pressure spray to only those portions of surfaces that are directly above bare soil, lawn, turf, mulch or other vegetation, as listed on this label and not over an impervious surface, drainage or other condition that could result in run-off into storm drains, drainage ditches, gutters or surface waters, in order to control occasional invaders or aggregating pests.

Point spray away from face. Hold sprayer on a slant downward angle, approximately 12 inches from surface to be sprayed. Spray with wind if breeze is blowing. Do not contaminate fish ponds or apply directly to water.

**PESTS ON OUTSIDE SURFACES OF BUILDINGS:** for control of building infestation of *ants*, *clover mites*, *crickets* and *sowbugs (pillbugs)*. Spray foundation of building where insects are active and may find entrance up to a height of 2 to 3 feet. Apply to outside surfaces of buildings where insects tend to congregate. Spray areas including (but not limited to) screens, window frames, eaves, porches, patios, garages and refuse dumps. Repeat treatment as necessary but not more than once per week.

**CRAWLING INSECTS:** *ants*, *cockroaches (including Asian cockroaches)*, *centipedes*, *crickets*, *mole crickets*, *water bugs* and *silverfish*. Spray infested surface of patio or picnic area. Also spray legs of tables and chairs.

**Ants:** Spray freely around ant trails and hills. Spray around nests hidden under steps, brickwork, concrete, etc. Break apart accessible nests and spray freely on and around debris. Repeat as necessary but not more than once per week.

**ASIAN LADY BEETLES (Lady Bugs):** Spray areas where bugs crawl or rest, especially around doors, on and around screens, windows, doorframes and areas where insects can enter the home. Remove screens prior to spraying them, allow to dry and then reinstall them.

**Lone Star Ticks, Dog Ticks, Crickets and Fleas:** Apply thoroughly to infestations in bushes, grass or weeds. Retreat weekly if necessary.

**Wasps, Hornets, Yellow Jackets and Bees:** Spray nests and other surfaces where bees may rest. Aim spray at nest openings. Applications should be made late in the evening when insects are at rest.

**FLYING INSECTS: House flies, gnats, mosquitoes and small flying moths:** Spray outside surfaces of windows and door frames and other areas where these pests may enter the home. Also spray localized resting areas such as under eaves, porches, surfaces around light fixtures and cords, railings, etc. where these insects may rest. Insects coming to rest on treated surfaces will be killed.

**TERMITES, CARPENTER ANTS AND CARPENTER BEES:** (For localized control only.) Apply Cenol D200 to voids or channels in damaged wood of a structure or to cracks, crevices and spaces in and between wooden portions of a structure or between wood portions of the foundation in locations vulnerable to attack such as crawl spaces. Retreat if needed but not more than once per week. For termites, the purpose of such applications is to kill workers or winged forms which may be present in the treated areas at the time of application. Not recommended as sole protection against termites. For active infestations, get a professional inspection. Such applications are not a substitute for mechanical alteration, soil treatment or foundation treatment but are merely a supplement. For severe termite infestation, contact a professional pest control operator in your area.

**HOUSE PLANTS:** To control aphids, Japanese beetles, lace bugs, leafminers, mealy bugs, mites and spider mites on house plants. Prior to spraying, remove plants from living and eating areas. Put in an area not likely to come in contact with pests, children or food. Plants can be returned to original location when leaves dry. If plants cannot be moved, cover or remove exposed food and food handling surfaces. Avoid spraying surrounding areas. Apply spray to upper and lower surfaces of foliage. Avoid wetting blossoms if possible. Repeat applications as necessary, but not more than once per week.

**FOR CONTROL OF ORNAMENTAL GARDEN INSECTS:** For use on roses, dahlias, asters and other ornamentals to kill Japanese beetles hit by spray, as well as whiteflies, aphids, army worms, lace bugs, mealy bugs, exposed thrips, pavement ants, spiders, spider and red mites, clover mites and leafminers. May be used on plants as well as a multi-purpose spray in small ornamental gardens and for spot treatments to prevent insects from spreading into large garden areas. May also be used on other plants such as African violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, delphiniums, dogwood, English ivy, euonymus, fuchsia, geraniums, crassula, grape vine, Kentia palm, laurel, marigolds, rhododendrons, rubber plants, snapdragons, stocks, wandering Jew and zinnias. When spraying plants, do not operate closer than 18 inches. Use sweeping motion. Be cautious about wetting tender foliage, young plants and new foliage. Do not spray plants when temperatures exceed 90°F. DO NOT apply to vegetable plants or other plants used for food. Spray insect directly whenever possible. Repeat treatment as necessary but not more than once per week.

**STORAGE AND DISPOSAL**

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**Pesticide Storage:** Store this product in its original container in a dry, cool, secured area.

**Product Disposal:** As a responsible environmental practice, where possible, it is recommended that all of the contents of the container be used, carefully following label directions and precautions.

**Container Disposal: If empty:** Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

**If partly filled:** Call your local solid waste agency or 1-800-253-2687 for disposal instructions. Never place unused product down any indoor or outdoor drain.

**SPILL:** In case of spill, absorb liquid with absorbent material such as soil or clay etc. sweep up and dispose of material according to **PRODUCT DISPOSAL If partly filled** directions above.

**WARRANTY STATEMENT:** Our recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, express or implied is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practices. To the extent consistent with applicable law, the buyer must assume all responsibility for, including injury or damage, resulting from its misuse as such or in combination with other materials.

CTX-Cenol, Inc.  
1393 East Highland Road  
Twinsburg, OH 44087

Product Batch Code No. \_\_\_\_\_

